

## CLAIMS

We claim:

1. A liquid composition for the control of pitch deposition in  
5 pulp and paper making comprising in aqueous solution:
  - (a) a derivatized cationic guar polymer, and
  - (b) a isobutylene/maleic anhydride copolymer having an  
10 average molecular weight of from 5,000 to 100,000.
2. The pitch control composition of claim 1 wherein the  
isobutylene/maleic anhydride copolymer has an average  
molecular weight of from 10,000 to 20,000.  
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3. The pitch control composition of claim 2 wherein the charge  
of the cationic guar polymer is derived from hydroxypropyl  
trimonium chloride.
- 20 4. The pitch control composition claim 3 wherein the charge  
density of the derivatized cationic guar polymer is from 0.01  
meq/g. to 3.0 meq/g.
5. The pitch control composition of claim 4 wherein the  
25 isobutylene/maleic anhydride copolymer has an average  
molecular weight of from 10,000 to 20,000.
6. A process for controlling the deposition of pitch in a  
hardwood or softwood pulp or papermaking process which  
30 comprises applying an effective pitch retarding amount of the  
composition of claim 5 to a feedpoint in the pulp or  
papermaking process.

7. The process of claim 6 wherein the pitch is pulp mill pitch and the composition of claim 5 wherein the feedpoint is the brown stock washer, screen room, or decker processing areas.
- 5 8. The process of claim 6 wherein the composition of claim 5 wherein the feedpoint is the post bleaching operation or the paper machine.
9. The process of claim 6 wherein the composition of claim 5 is  
10 applied directly to equipment used in pulp and papermaking.
10. The process of claim 6 wherein the composition of claim 5 is applied to the equipment of the pulp and papermaking process and through the shower process water.

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